

IN THE CLAIMS:

Please cancel now pending claims 1-19 without prejudice or disclaimer and substitute new claims 20-41 therefor as follows:

WHAT IS CLAIMED IS:

- 1-19. (Canceled).
20. (New) A cable having a screen with a water sensing wire, said water sensing wire comprising:
- a) a conductor; and
 - b) a water permeable insulation surrounding said conductor; wherein
 - c) said conductor is formed by a plurality of metal wires.
21. (New) The cable according to claim 20, wherein said plurality of wires are stranded according to a predetermined length of pitch and direction of pitch.
22. (New) The cable according to claim 20, wherein said conductor is a Litz-wire.
23. (New) The cable according to claim 20, wherein one or more polymer filaments are contained as reinforcement inside said water permeable insulation.
24. (New) The cable according to claim 23, wherein said polymer filaments are substantially parallel to said conductor.
25. (New) The cable according to claim 20, wherein said water permeable insulation comprises insulating braiding.
26. (New) The cable according to claim 20, wherein said plurality of wires forming said conductor are copper wires.

27. (New) The cable according to claim 20, wherein said polymer filaments are made of Aramid® or Kevlar®.
28. (New) The cable according to claim 20, wherein said insulating braiding is made of polyester or polyamide.
29. (New) The cable according to claim 20, wherein said polymer filaments and said conductor have an elasticity module such that up to a limit force, at which an elastic deformation of said polymer filaments changes into a plastic deformation, only an elastic deformation is applied to said conductor.
30. (New) The cable according to claim 20, wherein said cable is a power cable.
31. (New) A cable having a screen with a water sensing wire, said water sensing wire comprising:
- a) a conductor; and
 - b) a water permeable insulation surrounding said conductor;
 - c) said conductor comprising a variable deformation cross section during application of radial stress.
32. (New) The cable according to claim 31, wherein said conductor is formed by a plurality of metal wires having air cavities therebetween.
33. (New) The cable according to claim 21, wherein said conductor is formed by a plurality of metal wires having air cavities therebetween.
34. (New) The cable according to claim 31, wherein a plurality of reinforcement filaments are provided inside said insulation.

35. (New) The cable according to claim 32, wherein a plurality of reinforcement filaments are provided inside said insulation.

36. (New) The cable according to claim 20, wherein a plurality of reinforcement filaments are provided inside said insulation.

37. (New) The cable according to any one of claims 34, 35 or 36, wherein said metal wires and said reinforcement filaments are arranged such that air cavities are formed between said metal wires and said reinforcement filaments.

38. (New) A water sensing wire for a cable, comprising:

- a) a conductor; and
- b) a water permeable insulation surrounding said conductor; wherein
- c) said conductor is formed by a plurality of metal wires.

39. (New) A water sensing wire for a cable comprising:

- a) a conductor; and
- b) a water permeable insulation surrounding said conductor;
- c) said conductor comprising a variable deformable cross section during application of radial stress.

40. (New) A cable having a screen with a water sensing wire, said water sensing wire comprising:

- a) a conductor;
- b) a water permeable insulation surrounding said conductor; wherein;
- c1) said conductor is a single metal wire; and
- c2) one or more reinforcement filaments are provided inside said water permeable insulation.

41. (New) A water sensing wire for a cable comprising:
- a) a conductor;
 - b) a water permeable insulation surrounding said conductor; wherein
 - c1) said conductor is a single metal wire; and
 - c2) one or more reinforcement filaments are provided inside said water permeable insulation.